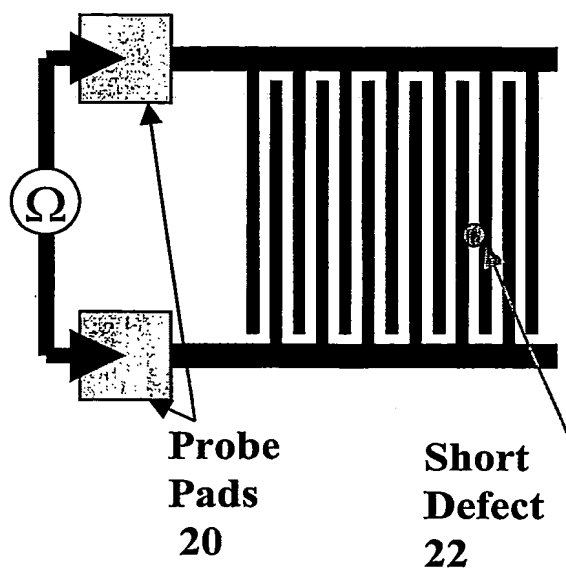
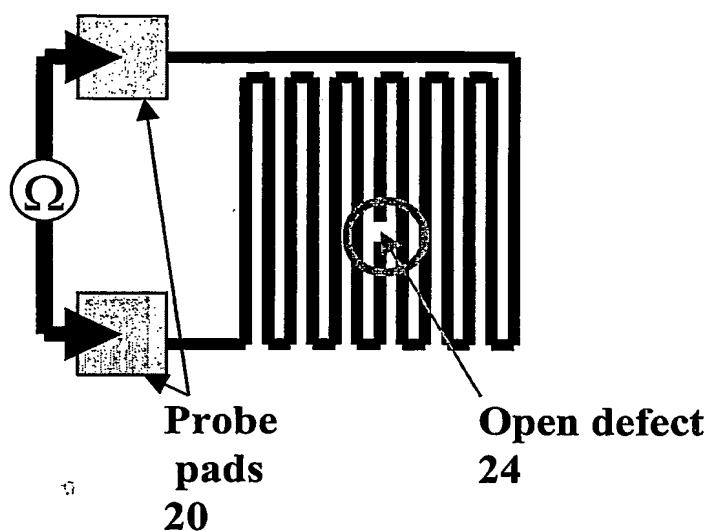


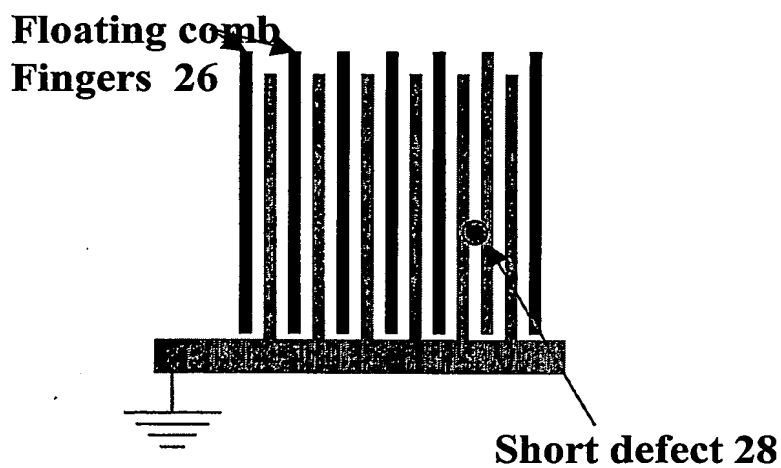
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FIG. 1A

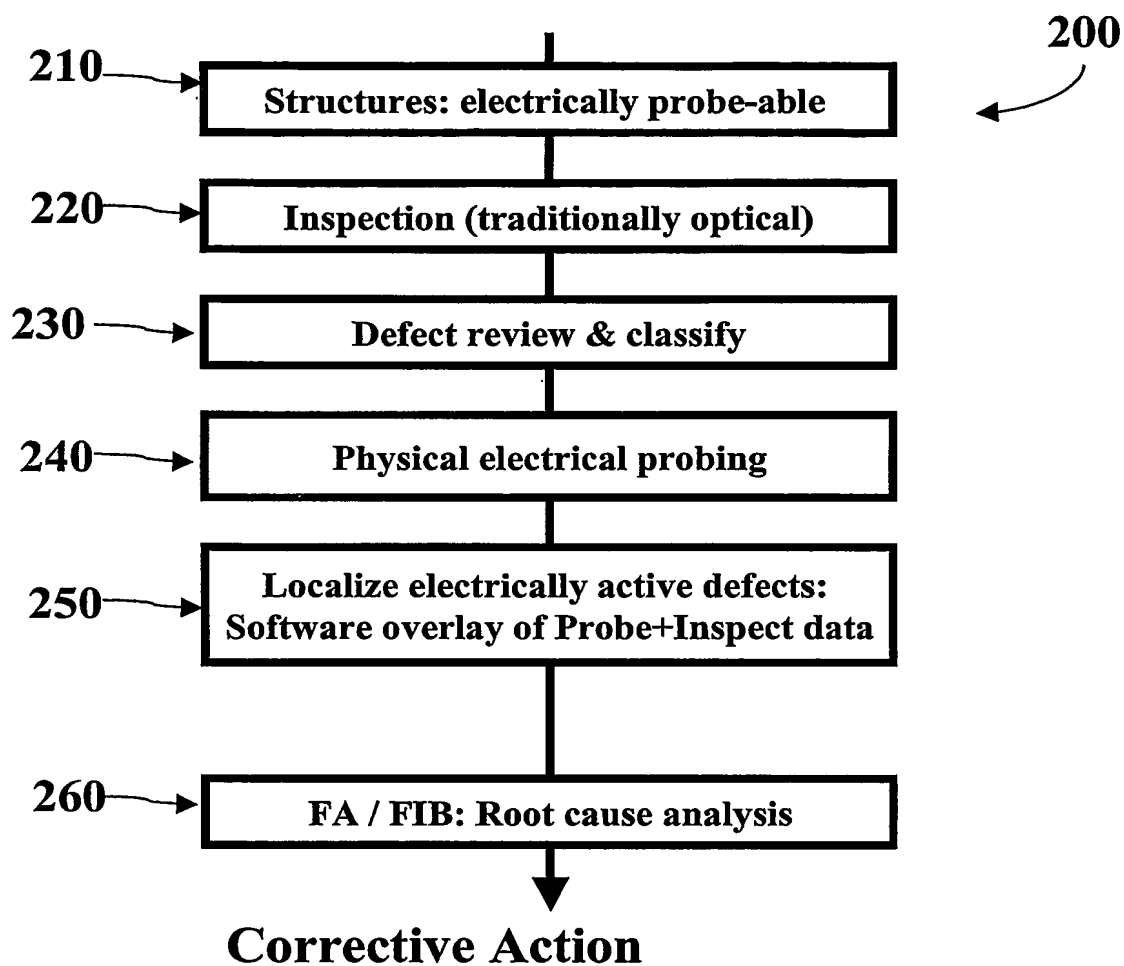


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FIG. 1B

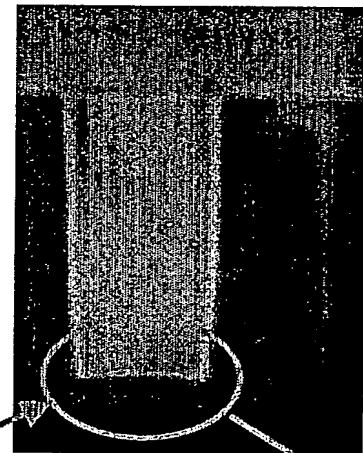
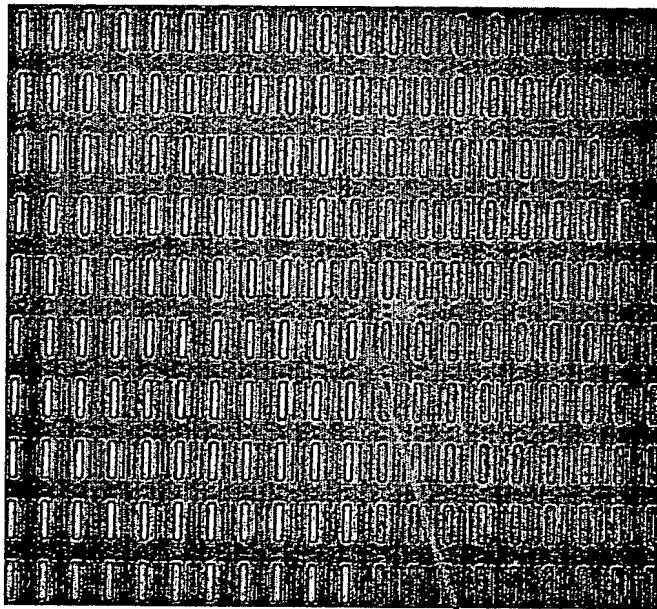
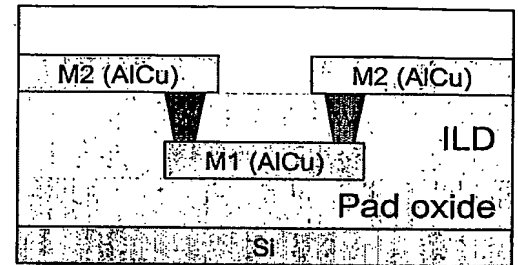
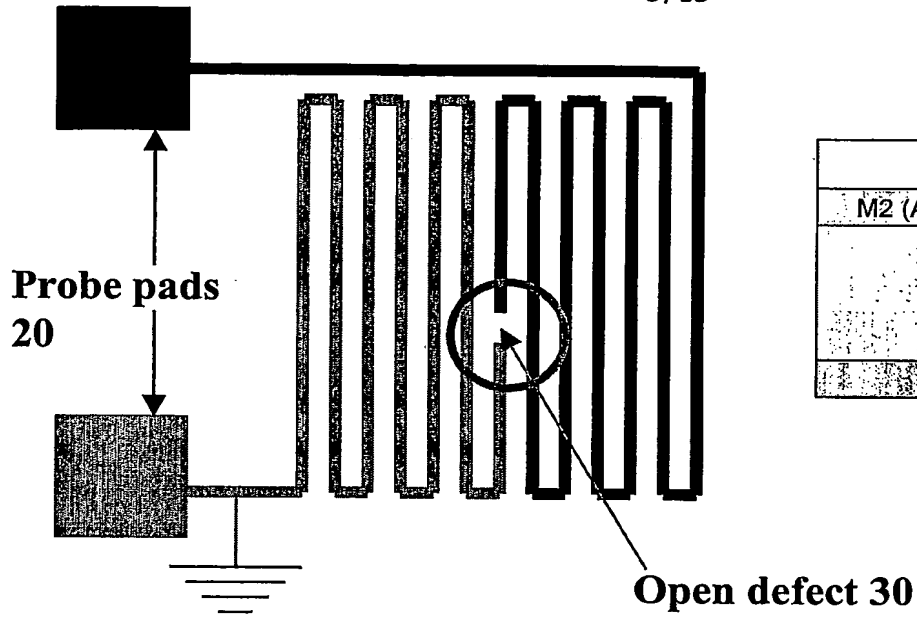


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FIG. 1C

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**FIG. 2A**

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Subsurface open defect
(optically undetectable)
30

Disconnected Plug

FIG. 2B

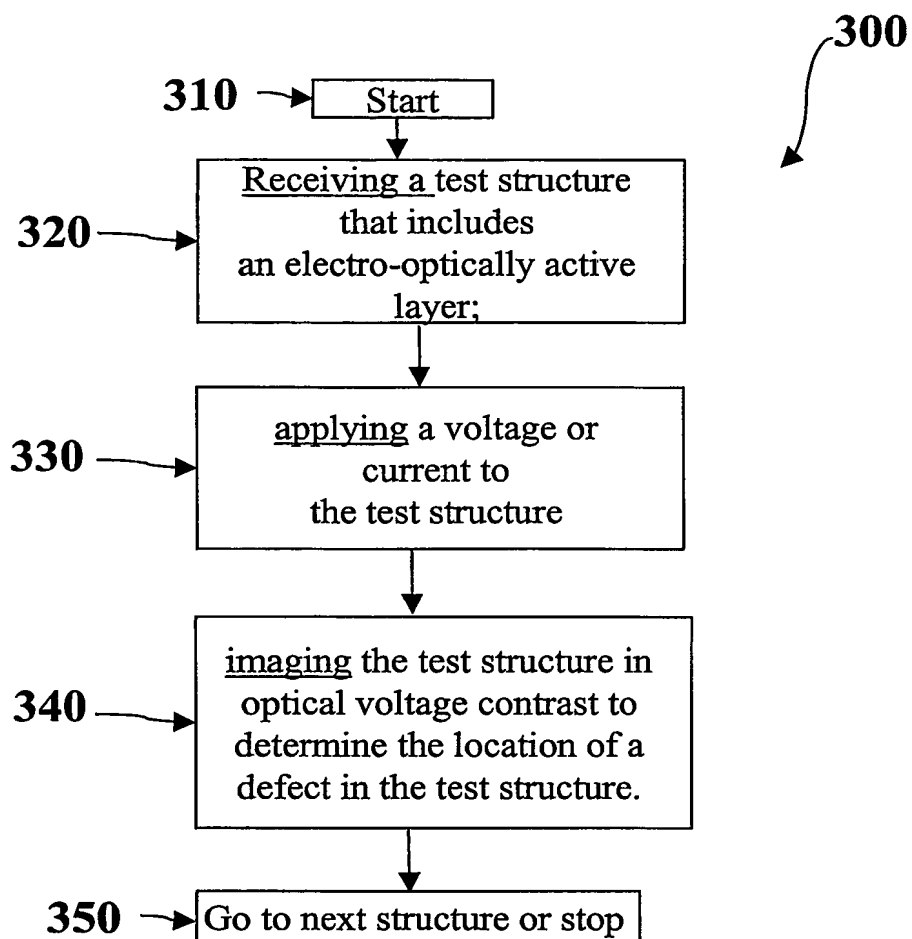


FIG. 3A

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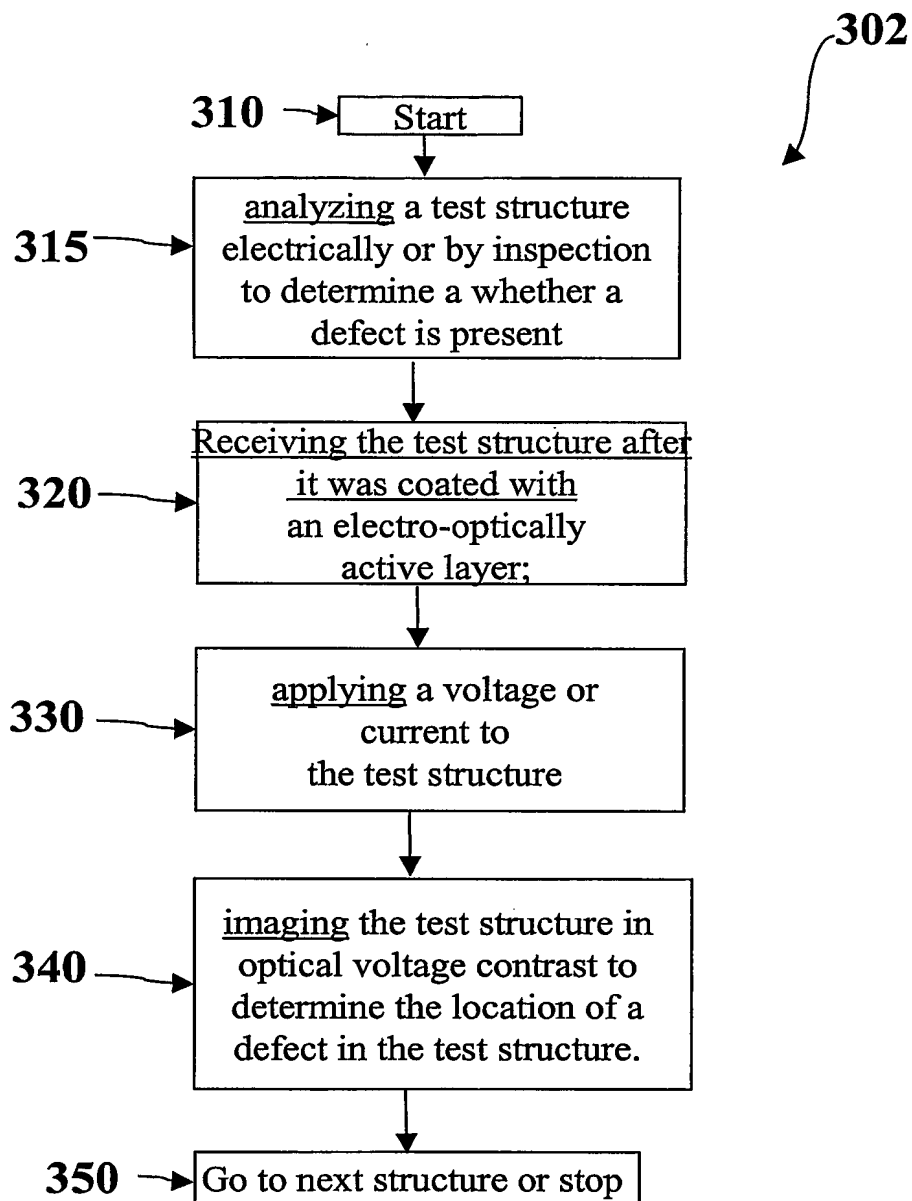


FIG. 3B

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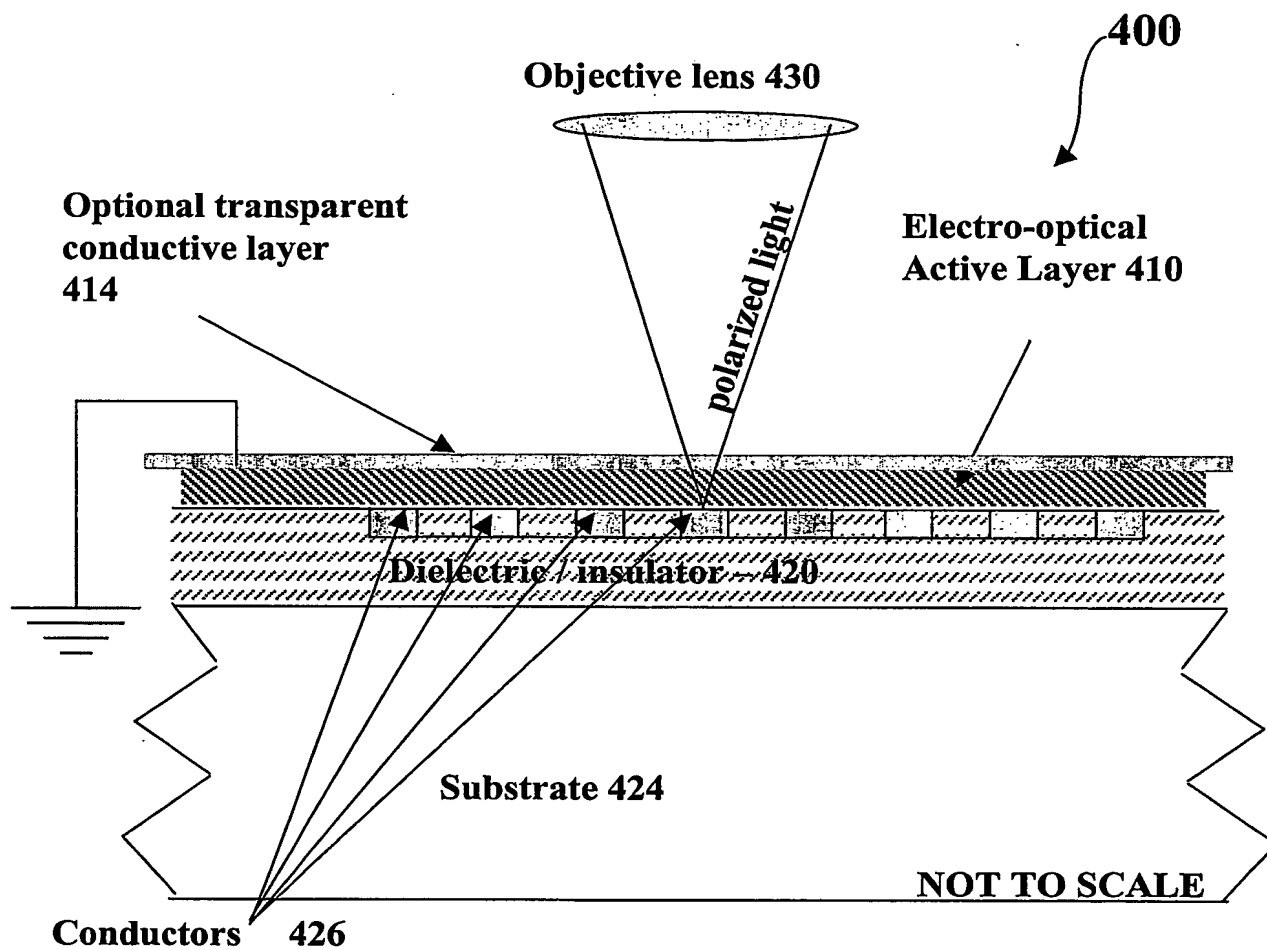


FIG. 4A

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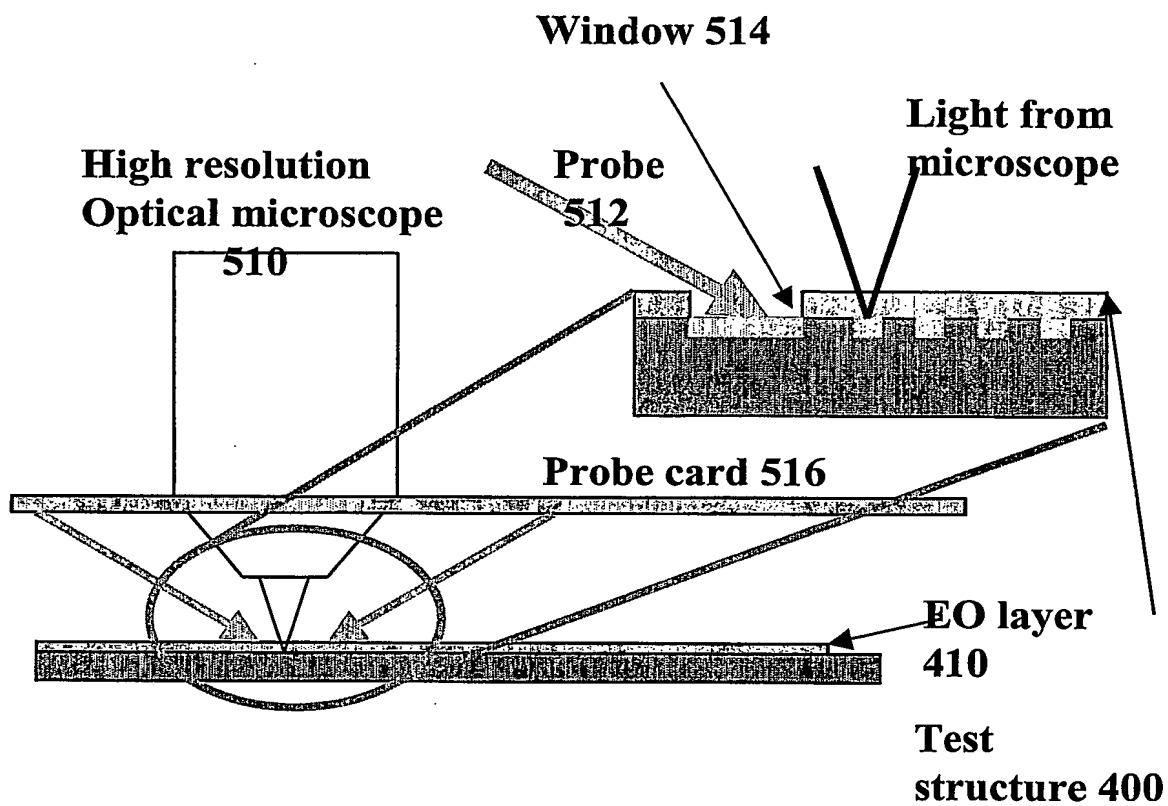
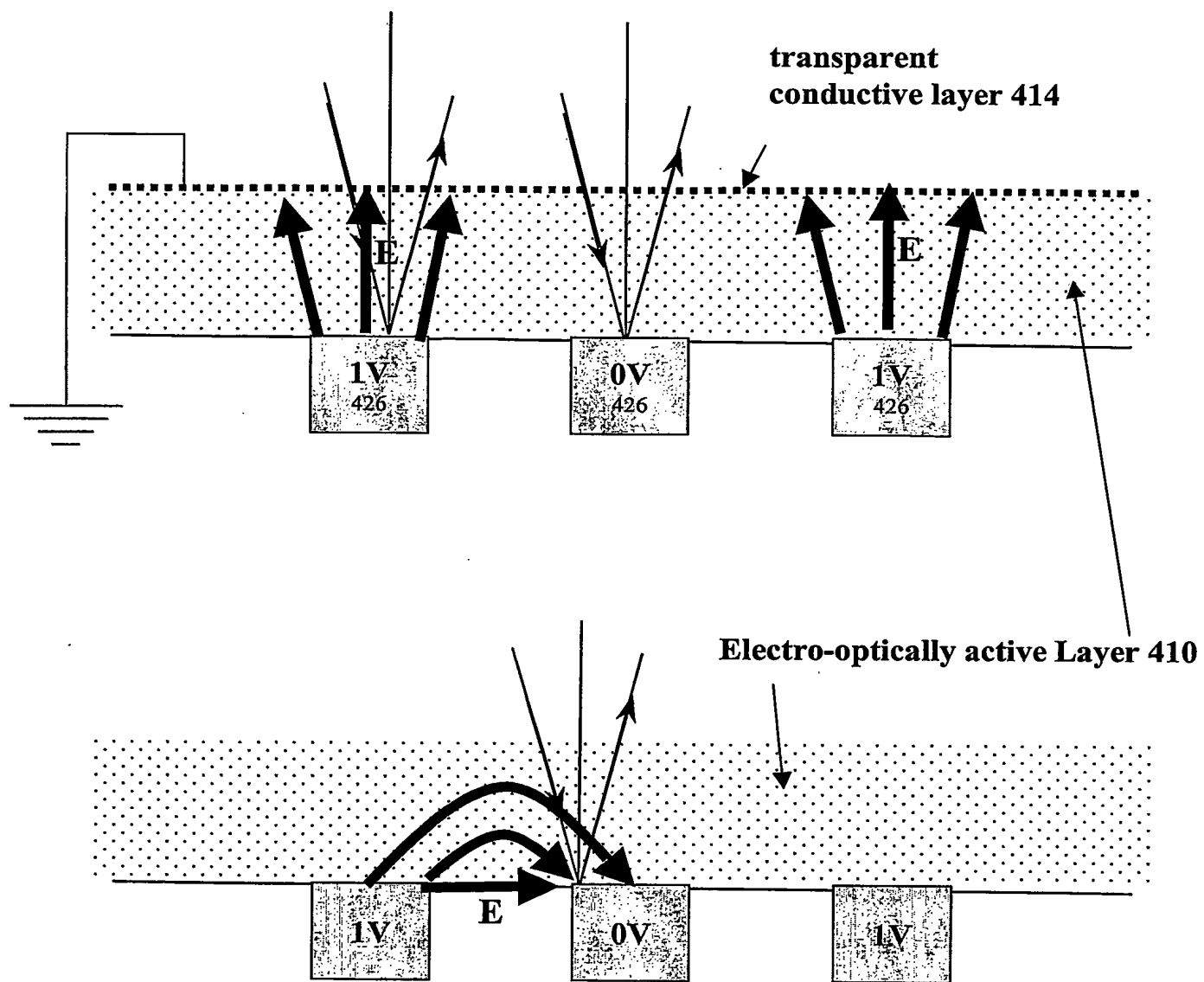


FIG. 4B

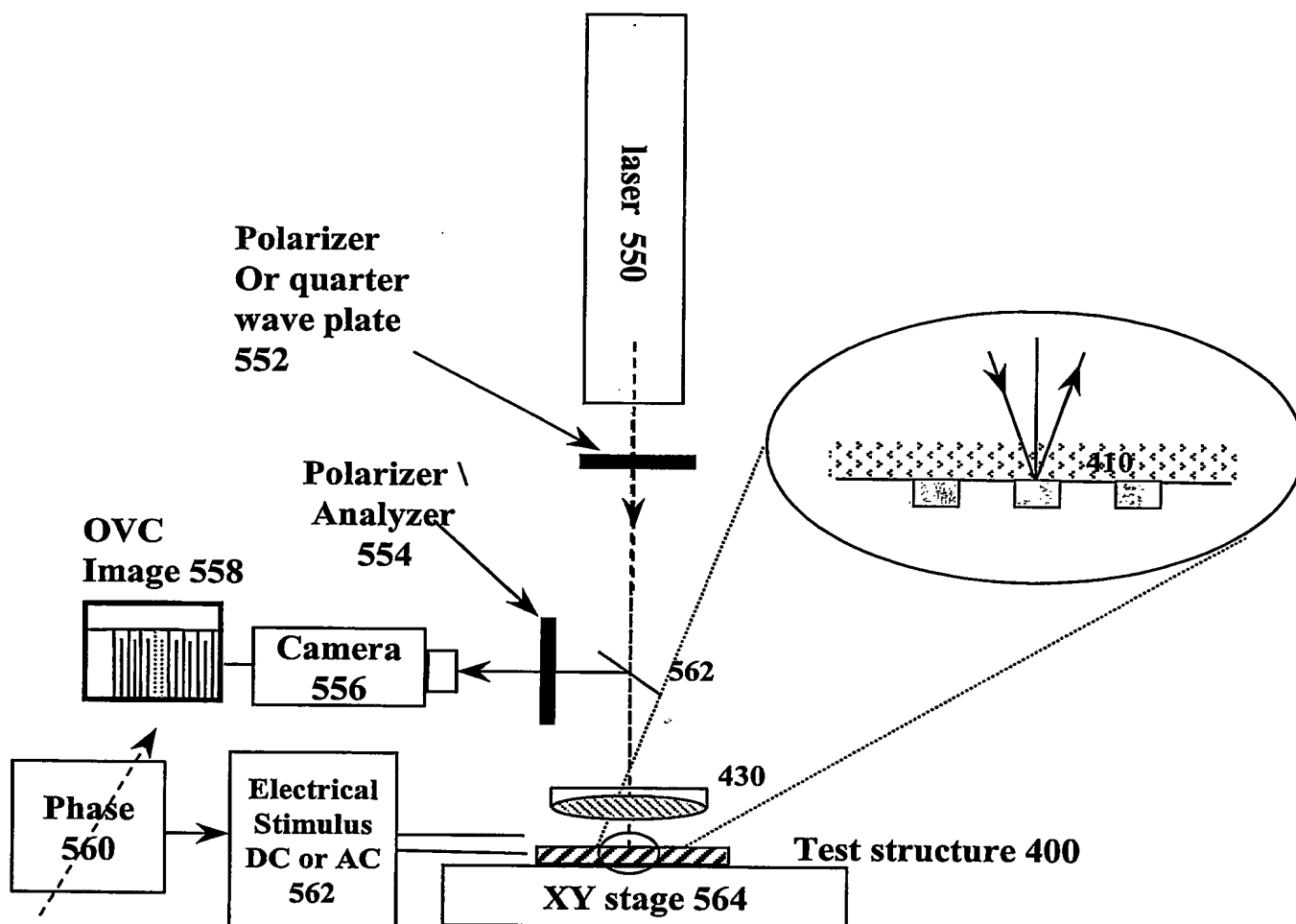
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Without transparent conductive layer on top to increase E field strength.

Fig 4C.

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FIG. 5A.

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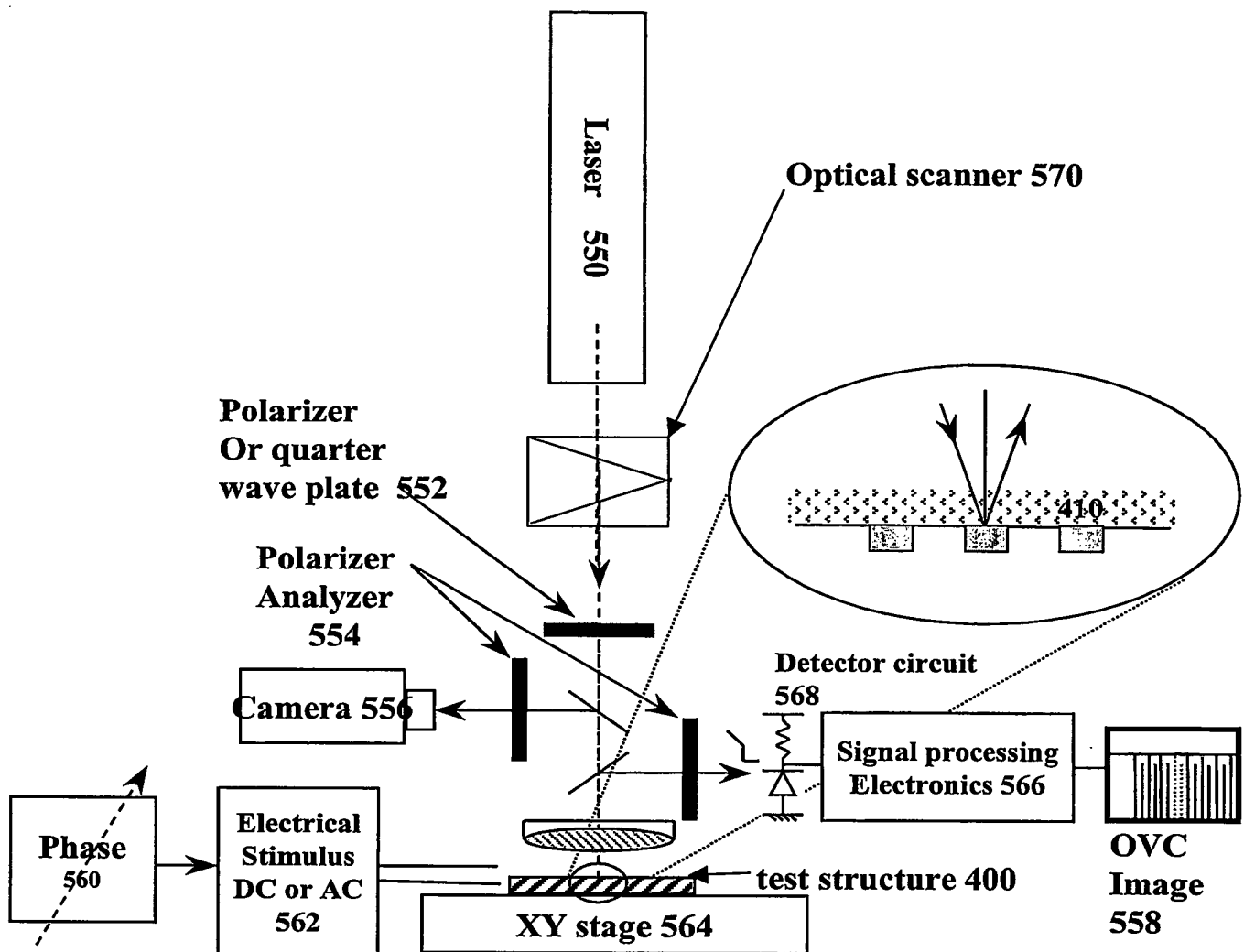
502

FIG. 5B

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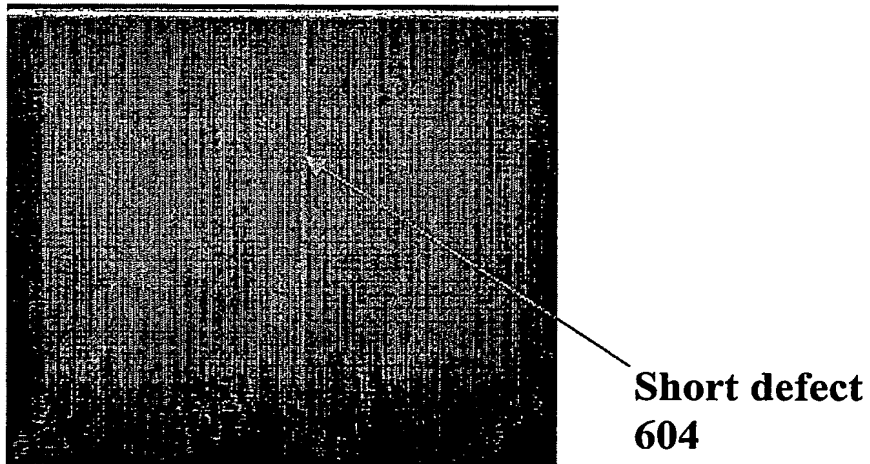


FIG 6A.

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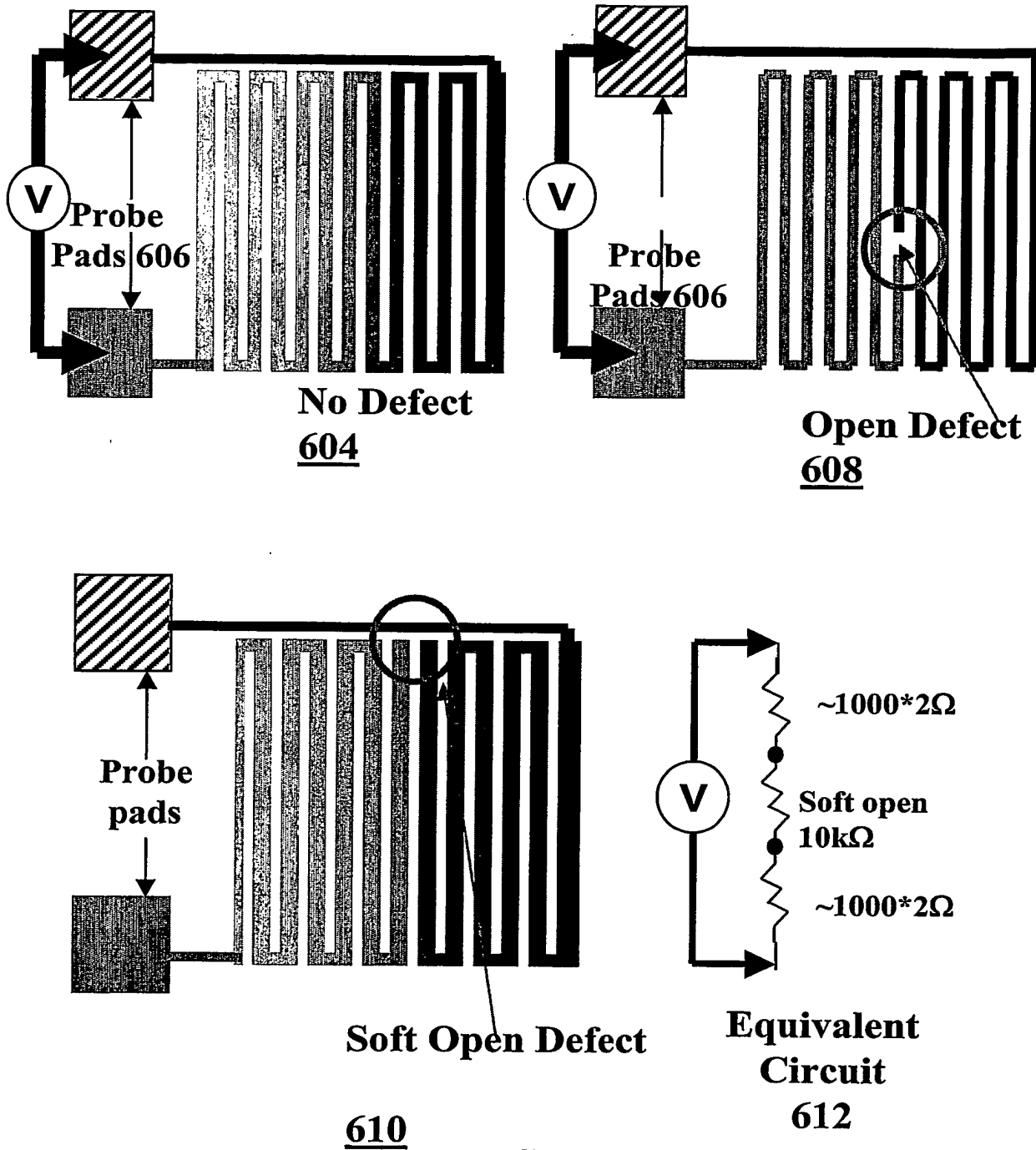


FIG 6B.

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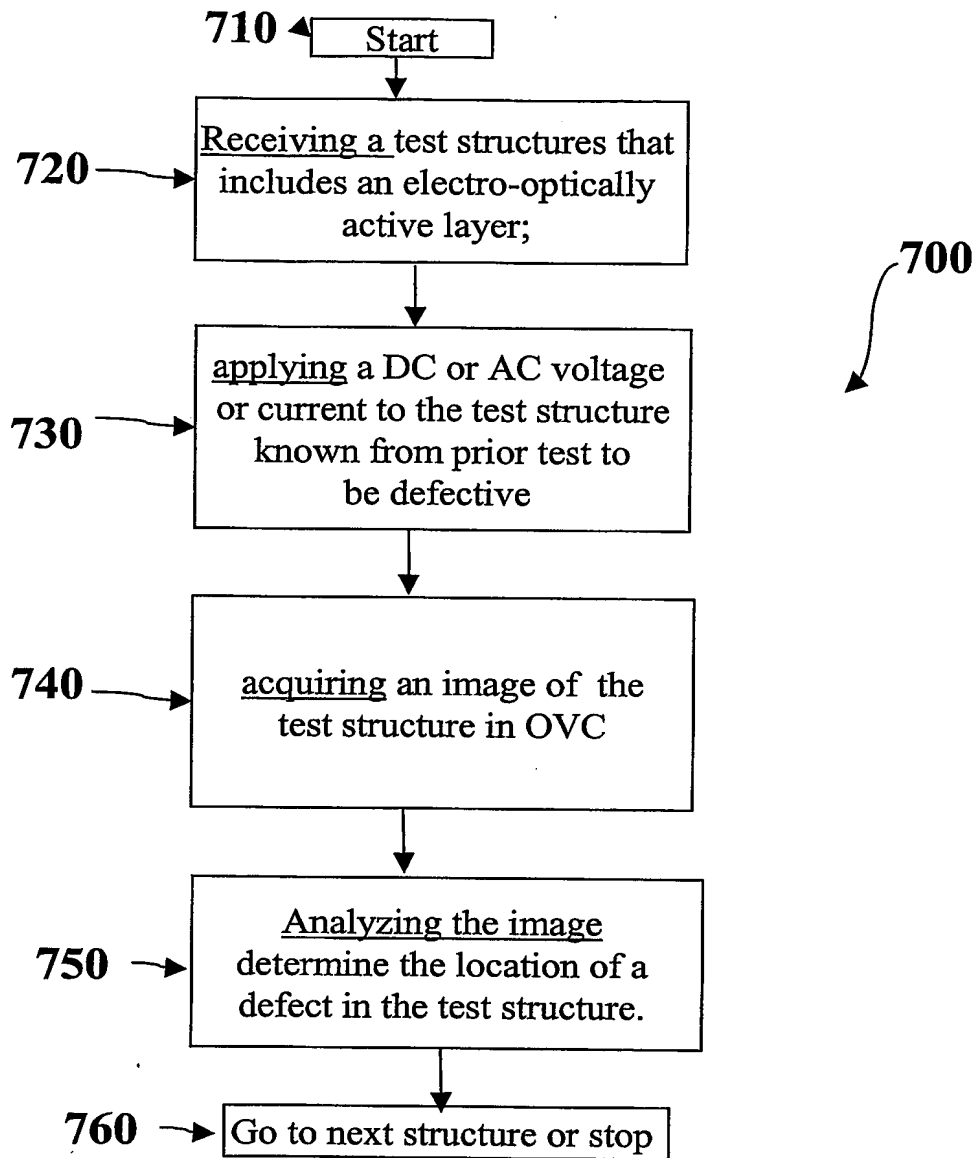


FIG. 7

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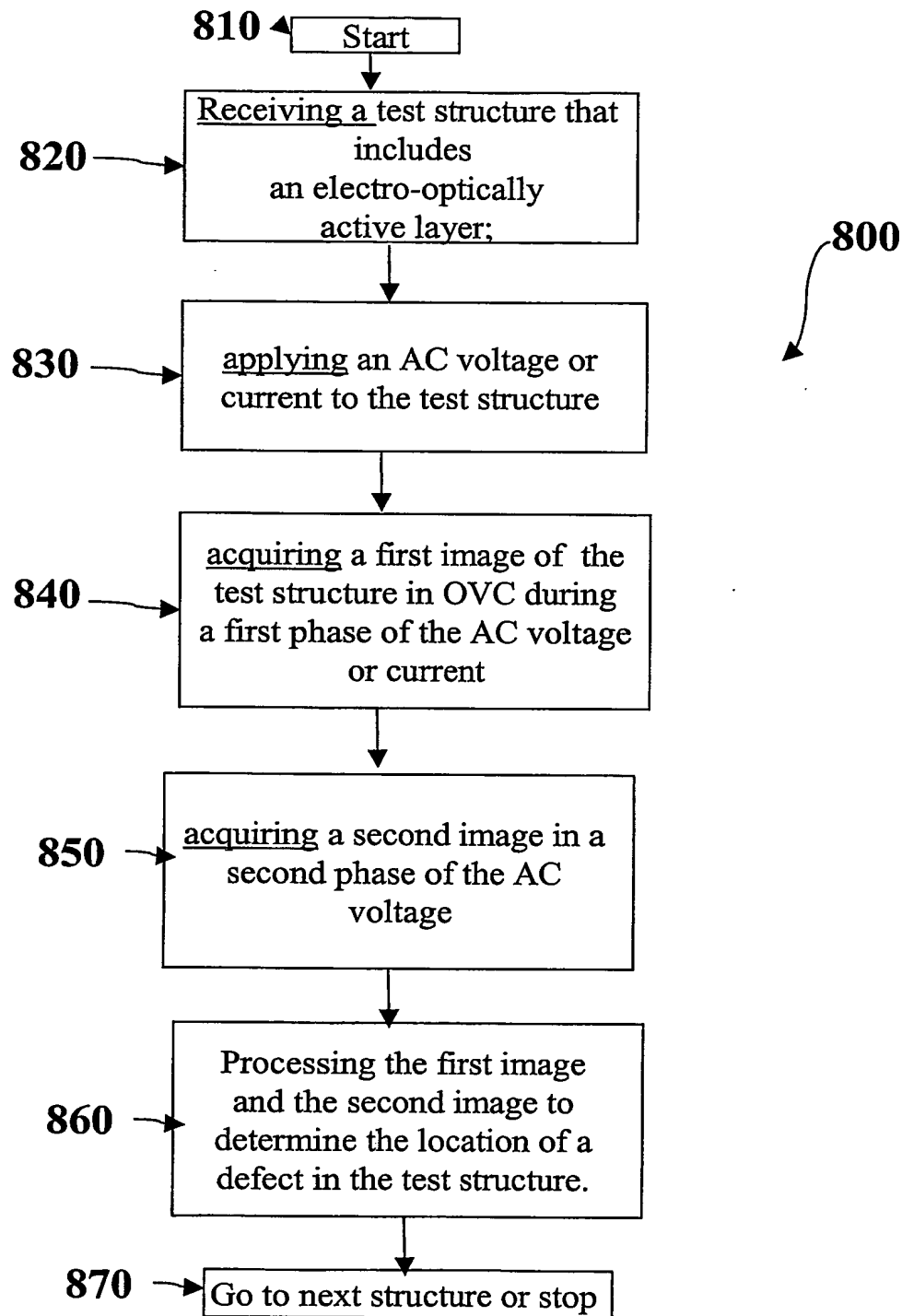


FIG. 8

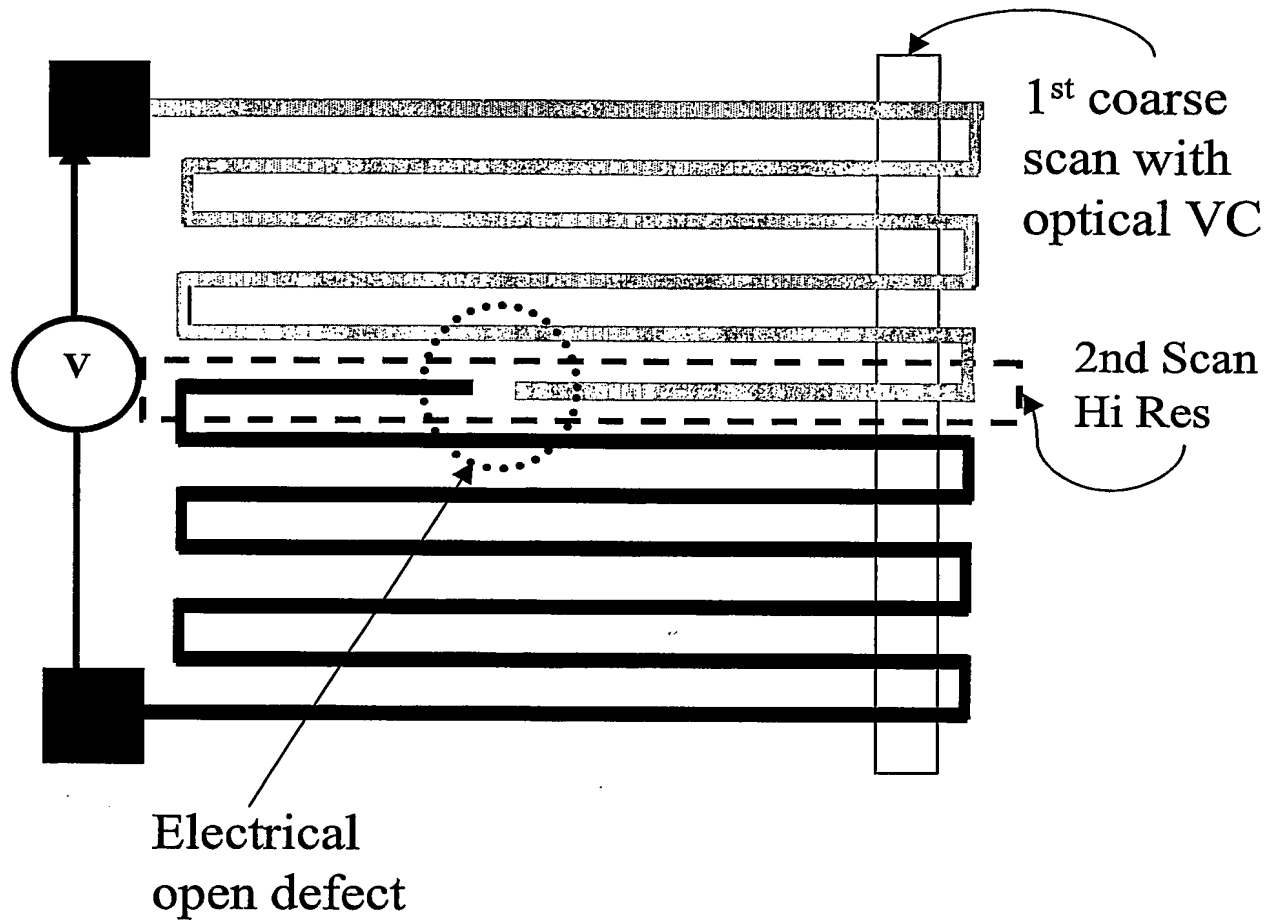


FIG. 9

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